

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-10 (Cancelled)

11. (Currently amended) A nucleic acid molecule encoding a pesticidal fusion polypeptide comprising

i) a toxin domain and

ii) a binding domain, wherein said nucleic acid

~~The nucleic acid as claimed in claim 9, which comprises the~~
CryIA-RTB combination shown in any one of Seq ID NO: 6

(CryIA(b)-RTB1); Seq ID NO:7 (CryIA(b)-RTB2); Seq ID NO: 8

(CryIA(b)-RTB3); Seq ID NO:9 (CryIA(c)-RTB1); Seq ID NO:10

(CryIA(c)-RTB2); and Seq ID NO: 11 (CryIA(c)-RTB3) ~~or a~~

~~sequence degeneratively equivalent thereto.~~

12. (Cancelled)

13. (Currently amended) A method of producing the nucleic acid of claim ~~[[1]]~~ 11, wherein the method comprises the step of ~~combining~~ joining a nucleic acid molecule encoding a toxin selected from the group consisting of CryIA(b) and CryIA(c) with a nucleic acid molecule encoding a heterologous binding domain selected from the group consisting of RTB1, RTB2 and RTB3, ~~wherein said binding domain is capable of binding non-specifically to a cell membrane without disrupting it, wherein the binding domain is derived from a lectin.~~

14. (Cancelled)

15. (Cancelled)

16. (Currently amended) A recombinant vector comprising

[[a]] the nucleic acid as claimed in claim [[1]] 11.

17. (Previously presented) The vector as claimed in claim 16 wherein said nucleic acid is operably linked to a promoter.

18. (Previously presented) The vector as claimed in claim 17 wherein the promoter is an inducible promoter which is switched on in response to an elicitor or other plant signal which is triggered in response to predation.

19. (Previously presented) The vector as claimed in claim 16, which is a baculovirus vector or a vector suitable for use in a plant.

20. (Currently amended) A method for transforming a host cell, wherein the method comprises the step of introducing a vector of claim 16 into the cell and causing or allowing recombination between the vector and the cell genome to introduce the nucleic acid into the genome.

21. (Currently amended) A host cell containing the nucleic acid of claim [[1]] 11.

22. (Currently amended) A host cell transformed with the nucleic acid of claim [[1]] 11.

23. (Previously presented) The host cell as claimed in claim 21 which is a plant cell.

24. (Currently amended) The host cell as claimed in claim 23, wherein said plant cell is from a monocot plant.

25. (Currently amended) The host cell as claimed in claim 24, wherein said monocot plant is maize or rice.

26. (Currently amended) A process for producing a transgenic plant, wherein the process comprises the steps of:

(a) transforming a plant cell by introducing a recombinant vector comprising a nucleic acid as claimed in claim ~~[[1]]~~ 11 into said plant cell and causing or allowing recombination between the vector and the cell genome to introduce the nucleic acid into the genome, thereby producing a transformed plant cell; and

(b) regenerating a plant from said transformed host cell.

27. (Currently amended) A plant obtainable by the process of claim 26, which comprises the nucleic acid molecule of claim 11 ~~a host cell containing a nucleic acid molecule encoding a pesticidal fusion polypeptide comprising (i) a toxin domain; and (ii) a heterologous binding domain capable of binding non-specifically to a cell membrane without disrupting said membrane, said host cell being a plant cell.~~

28. (Currently amended) A plant which is a clone, selfed or hybrid progeny, or other descendant of the plant of claim 27, wherein the clone, selfed or hybrid progeny, or other descendant comprises the nucleic acid molecule of claim 11.

29. (Previously presented) The plant as claimed in claim 27 which is a monocot.

30. (Currently amended) The plant as claimed in claim 29, wherein the monocot is maize or rice.

31. (Previously presented) A part or propagule of the plant of claim 27.

32. (Currently amended) A method of influencing or affecting the toxicity of a plant to a pest, wherein the ~~which~~

method includes a step of expressing a nucleic acid of claim
[[1]] 11 in ~~the~~ a plant.

33-41 (Canceled)

42. (Cancelled)

43. (Previously presented) A host cell containing the
vector of claim 16.

44. (Previously presented) A host cell transformed with
the vector of claim 16.

45. (Previously presented) The host cell as claimed in
claim 22 which is a plant cell.

46. (Previously presented) The host cell as claimed in
claim 45, wherein said plant cell is from a monocot plant.

47. (Previously presented) The host cell as claimed in
claim 46, wherein said monocot plant is maize or rice.

48. (Canceled)

49. (Canceled)